

153873

**Sauget Data from Leachate Samples Collected
in November 1981**

March 16, 1952

Charles H. Sutfin, Director
Water Division

Analytical results for leachate samples collected at the Sauget, Illinois waste landfill on November 12, 1981 by the Ecology & Environment, Technical Assistance Team (TAT) are attached. The correspondence from the contract laboratory to Curtis Ross explaining analytical procedures is also attached. Table 3, discussed in this correspondence, pertains to instrumentation printouts and is not included, however, it will be on file in the CRL.

Significant points about the results are:

1. No lower chlorinated dibenzo-p-dioxins (CDD's) or chlorinated dibenzofurans (CDF's) were detected.
2. CDD's and CDF's were detected in the higher chlorinated dioxins and furans, starting with the hexa-isomer class through the octa-isomer class.
3. This may indicate combustion products and/or by-products of PCB's and/or pentachlorophenols formulation. (opinion only)
4. The analysts (Taylor and Tierman) estimate, based on historical data, that the precision of the data in the low part per trillion range is $\pm 20\%$ in the high part per trillion range.
5. If we need more technical information on data interpretation or analytical protocol, it is recommended that we retain Drs. Tierman and Taylor.

I have asked Curtis Ross, due to the sensitive nature of this data and media interest, to discuss it with the Saugat Task Force at 1:30 p.m. today. If you have any questions concerning this data, please contact me or Curtis.

cc: S. Gardebring
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as b6, R. Boyle, C. Ross, G. Regan, J. Barney
and b7C, 3-2306 3/26/82

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